

# Converting Colors

Hex(D28240)

Have a look what the booklet for  
Hex(D28240) contains.

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**Color**

**Hex(D28240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D28240
RGB	210, 130, 64
RGB Percent	82%, 51%, 25%
CMY	0.1765, 0.4902, 0.7490
CMYK	0.00, 0.38, 0.70, 0.18
HSL	27°, 62%, 54%
HSV	27°, 70%, 82%
XYZ	35.4864, 30.0371, 8.7779
YIQ	146.3960, 68.8660, -3.5660

# Conversions

## Conversions Part 2

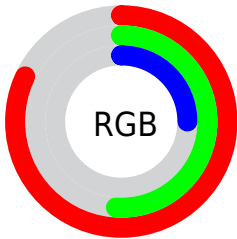
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 184, 64</a>
Decimal	<a href="#">13795904</a>
CIELab	<a href="#">61.69, 25.18, 47.54</a>
CIElCh	<a href="#">62, 53.800, 62.093</a>
Yxy	<a href="#">30.0371, 0.4776, 0.4043</a>
Android (android.graphics.Color)	<a href="#">4291985984 (0xFFD28240)</a>
YUV	<a href="#">146.3960, -40.6212, 55.7807</a>
Hunter-Lab	<a href="#">54.8061, 19.6663, 28.8682</a>

# Details

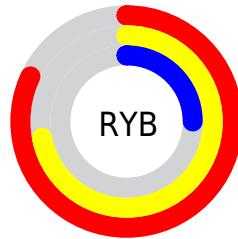
The Hex color **D28240** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4090D2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB773**, and **97500C** is the 20% darker color. If you saturate the color by 10%, you get **D2762B**, and if you desaturate by 10%, it is **D28E55**.

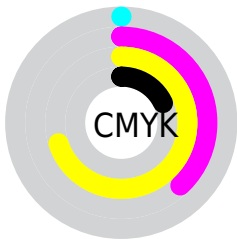
# Distribution



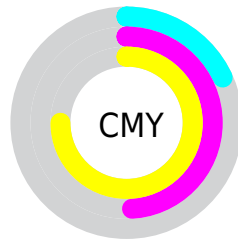
- Red (82%)
- Green (51%)
- Blue (25%)



- Red (82%)
- Yellow (72%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D28240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D28240 by changing the saturation by 10% instead.



 D28240

 D28240

FFFFFF

 B46927

 FFB773

 97500C

 FFD38D

 7A3800

 FFF0A8

 5D2200

 FFFF C3

 410B00

 FFFF E0

 2A0000

FFFFFF D

 000000

 D28240

 D28240

 D2762B

 D28E55

 D26B16

 D2996A

 D25F01

 D2A57F

 D25F00

 D2B094

 D2BCA9

 D2C7BE

 D2D3D3

 D2DEE8

 D2EAFD

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E97165



D28240



AC942F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D28240



00AC97



9B87E6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D28240



4090D2

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3199F4



D28240



00ABC6

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D28240



35A966



00A5E9



D274C2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D28240



8D9D36



00A5E9



818EED



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D28240



FFE2C9



D24090



806E60



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D28240



FF8B2B



D2CB40



69635E



A84C00



291200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4090D2



2B9FFF



4047D2



5E6469



005CA8



001629



# Previews

## White Background



This preview shows how the Hex color D28240 looks on a white background.

## Color Contrast Check

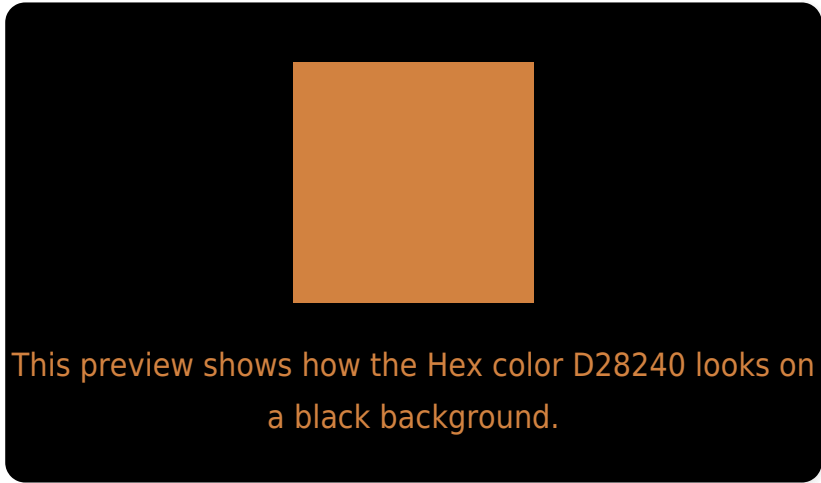
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

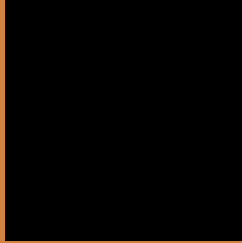
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D28240 Background



This preview shows how black text looks on a background with the Hex color D28240.



This preview shows how white text looks on a background with the Hex color D28240.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
D28240

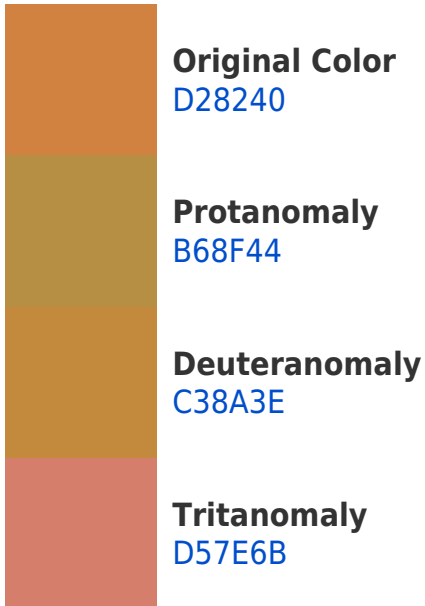
**Protanopia**  
A69646

**Deuteranopia**  
BA8E3D



**Tritanopia**  
D67B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D28240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D28240 looks like.

```
.text, #text, p{  
    color:#D28240  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D28240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28240
}
```

## Border

The CSS property to change the border of an element to Hex D28240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D28240 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D28240 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D28240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28240; -webkit-box-shadow:4px 4px  
4px 4px #D28240; box-shadow:4px 4px 4px  
4px #D28240 }
```

# Background

The CSS property to change the background color of an element to Hex D28240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28240 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D28240 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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